

“ALMETT”

TRADEMARK REG. U.S. PAT. OFF.



*... the automatic Fireman
ever on guard*

UNDERWRITERS APPROVED

FIRE DOORS

FIRE DOOR HARDWARE

*Bar the Progress of Fire!
Protect Property Against Fire Loss*

GUARANTEED 25 YEARS

MERCHANT & EVANS COMPANY

2035 WASHINGTON AVENUE, PHILADELPHIA 46, PA., U. S. A.

Established 1866

A 40-YEAR-OLD RECORD... NO "ALMETL" DOOR HAS EVER FAILED IN

SPECIFY ALMETL FIRE DOORS

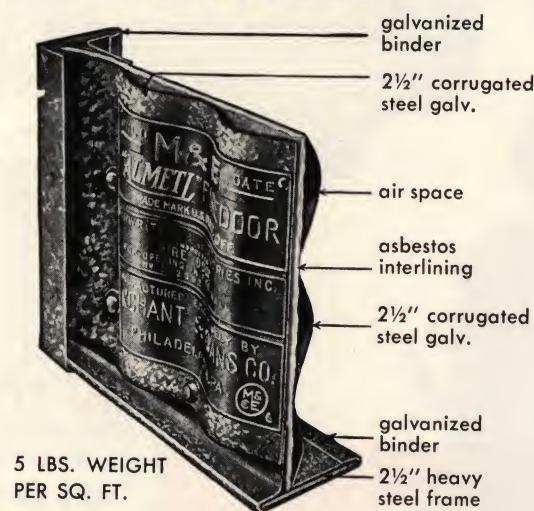
- EASY TO OPERATE • EASY TO INSTALL
- STRONG • WILL NOT ROT • LIGHT IN WEIGHT
- DURABLE • REQUIRE LITTLE MAINTENANCE

Built of quality materials by skilled workmen "Almetl" Fire Doors are Approved and Labeled by the Underwriters' Laboratories Inc., Chicago, Ill., and by Factory Mutual Laboratories, Boston, Mass. Endorsed and recommended by over 250 National, State and Municipal Fire and Safety Control Authorities,

SPECIFICATIONS:

Doors shall be "Almetl" construction as manufactured by Merchant & Evans Company or equal of two thicknesses of not less than 24 gauge galvanized corrugated steel interlined with sheet asbestos and securely riveted in a heavy rolled steel frame fully encased with galvanized steel of 24 gauge minimum thickness and so arranged to eliminate dirt or moisture pockets. Corrugated sheets to be laid transversely to allow for expansion and to be securely riveted together with tinned rivets and burrs. Fire Doors shall conform to the standards of the Underwriters' Laboratories and shall bear their label.

NON-COMBUSTIBLE CONSTRUCTION STOPS FIRE DEAD



"ALMETL"

OVER 40 YEAR RECORD... WITHOUT FAILURE IN FIRE OR SERVICE

The many spectacles of wanton sacrifice of property and lives by fire are a vivid commentary on that most inexplicable human weakness — the necessity of "learning by experience."

Today fire control and prevention is a science of mathematical precision — a science in which "ALMETL" products play a conspicuous and auspicious part.

"ALMETL" Labeled Fire Doors, with their never failing "heat antenna" — the fusible link — bar the progress of fire and hold with the tenacity of a solid masonry wall. Over forty years of experience have gone before, with no failure in fire or in service — and it is on that record that competent planners of adequate fire protection specify — "ALMETL".

Experience has demonstrated — concisely and repeatedly, that there is no comparable substitute for the "ALMETL" non-combustible construction.

"ALMETL" Doors, with full protection, average equal or lower installed cost than any substitute. In spite of their low cost, they materially reduce insurance premiums.



After a fire! An "ALMETL" Door still stands — a barrier, ready again to defy the flames.

Exposed side of two "ALMETL" Doors, after confining fire to small area.



MERCHANT & EVANS COMPANY

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FIRE OR SERVICE

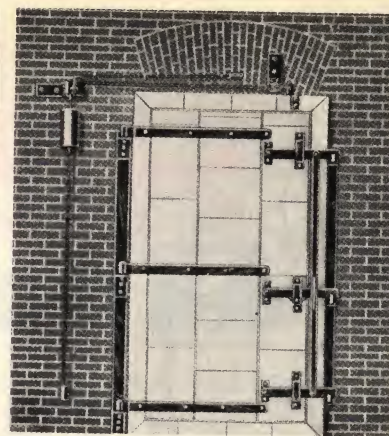
16h
Me

STANDARD TYPES OF *METAL* FIRE DOORS

Complete labeled automatic hardware for all types of labeled doors with detailed erection print and instruction sheet with each set.



SINGLE SLIDING



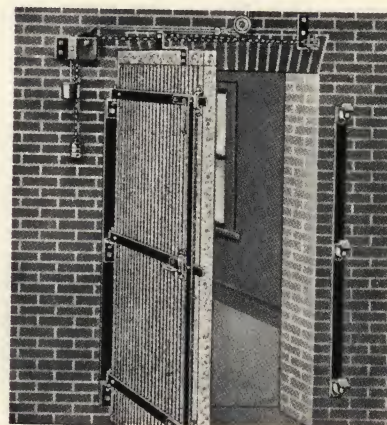
SINGLE SWINGING

UNDERWRITERS' LIMITATIONS FOR 3 HR. CLASS "A" LABEL MAXIMUM SIZE OF OPENING

TYPE DOOR	AREA IN SQ. FT.	WIDTH	HEIGHT
Single slide	120	12	12
Single swing	60	6	12
Pairs of swing	120	10	12
Vertical slide	80	10	10

Underwriters' certificate of inspection can usually be supplied for most larger openings. M & E Tin Clad Doors are made from only the best grade materials and bear the Underwriters' Label:

Class "A", 3 ply, 2 3/4" thick and Class "B", 2 ply, 1 3/4" thick.



SINGLE SWINGING

FIRE DOORS

HEADROOM FOR GRAVITY CLOSING DOORS

Width of Opening	Minimum Headroom Required
3'0"	19 1/2
4'0"	21
5'0"	22 1/2
6'0"	24
7'0"	26 1/2
8'0"	27
9'0"	28 1/2
10'0"	30
11'0"	31 1/2
12'0"	33



DOUBLE SLIDING SERVICE DOORS



DOUBLE SWINGING

SINGLE SLIDING

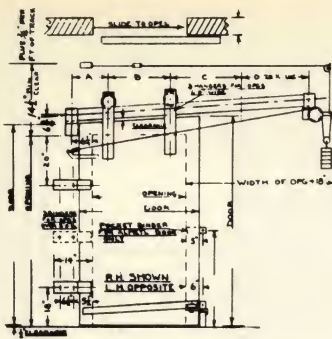


DOUBLE SLIDING

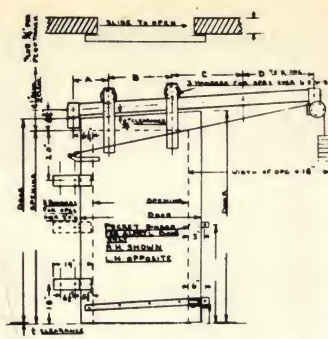


NOTCHED PAIR SWING (NOT LABELED)

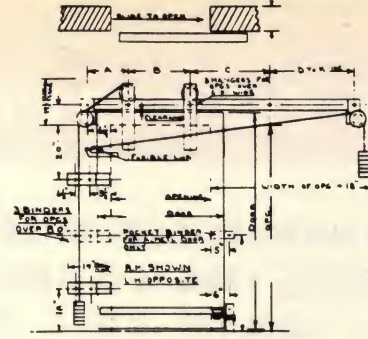




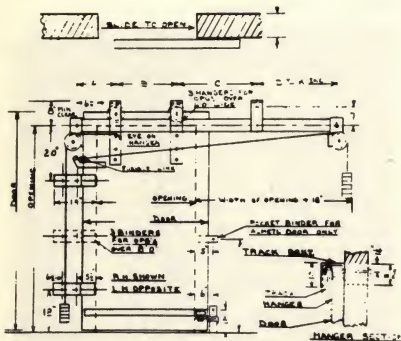
SINGLE SLIDE INCLINE TOP
WITH #1102 HARDWARE



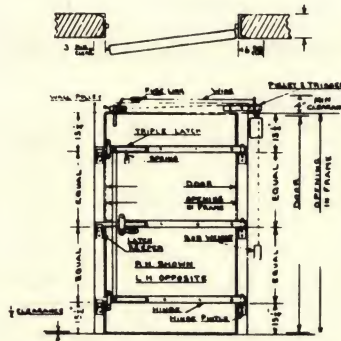
SINGLE SLIDE INCLINE TOP
WITH #1201 HARDWARE



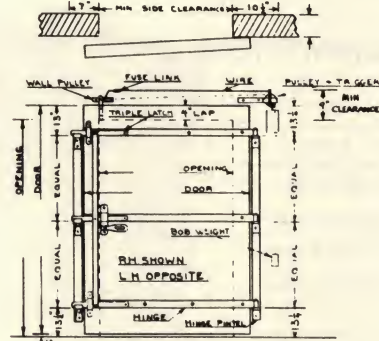
SINGLE SLIDE LEVEL TOP WITH
#1303 AUTOMATIC CLOSING
HARDWARE



SINGLE SLIDE LEVEL TOP WITH
#1304 DROP BRACKET AUTOMATIC
CLOSING HARDWARE

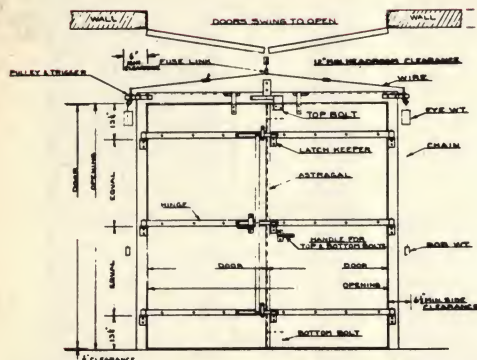


SINGLE SWING FLUSH DOOR
IN FRAME WITH #1406
AUTOMATIC CLOSING HARDWARE

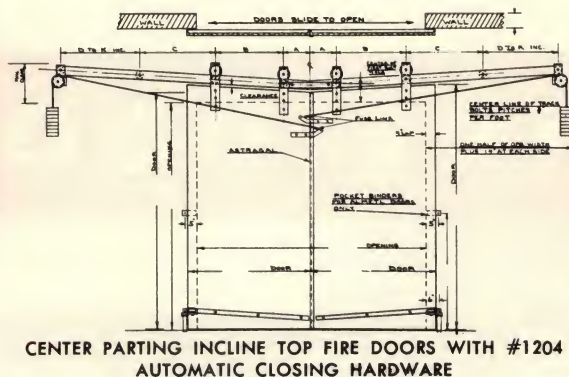


SINGLE SWING LAP TYPE
DOOR WITH #1406
AUTOMATIC CLOSING
HARDWARE

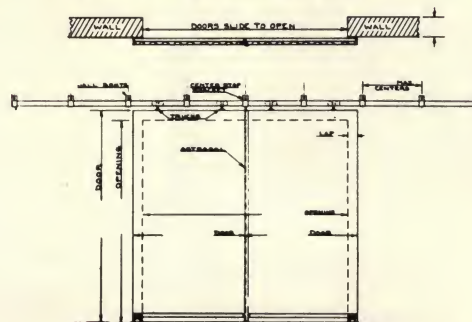
FIRE DOOR and HARDWARE CHART



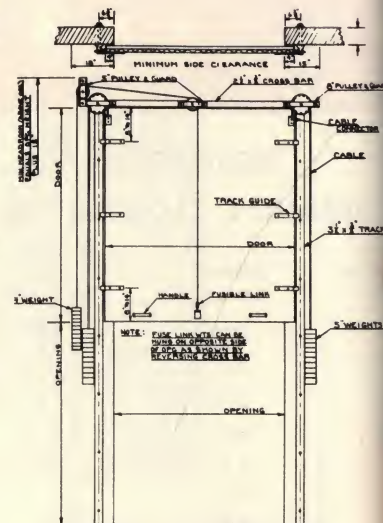
PAIR FLUSH TYPE SWING M & E ALMETL FIRE DOORS
WITH #1506 AUTOMATIC CLOSING HARDWARE



CENTER PARTING INCLINE TOP FIRE DOORS WITH #1204
AUTOMATIC CLOSING HARDWARE



CENTER PARTING LEVEL TOP M & E SERVICE
DOORS WITH BOX TYPE TRACK HARDWARE



VERTICAL SLIDE FIRE DOOR
COMPLETE WITH #1203
AUTOMATIC CLOSING
HARDWARE

SERVICE DOORS for all commercial purposes

To cover all openings when insurance approved and labeled doors are not required. They can be installed on the inside or outside of any opening and can be designed to fit into every building use.

FEATURES: Light weight (about 4 3/4 lbs. per sq. ft.). Easy to move — fully weatherproof. Will not warp, shrink or twist. Use inexpensive hardware. Can be equipped with metal sashes for glass lights. Can be installed by any competent building mechanic.

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Established 1866

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